



# SEQUENCE LISTING

<110> Andersson, Lief  
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Plastow, Graham Stuart

<120> Methods for Analysing Animal Products

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<140> 10/758,422

<141> 2004-01-16

<150> 09/450,651

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<150> PCT/GB98/01531

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<150> GB 9801990

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Pro Met Tyr Tyr Phe Val Cys Cys Leu Ala Val Ser Asp Leu Leu Val  
 35 40 45

Ser Val Ser Asn Val Leu Glu Thr Ala Val Leu Leu Leu Leu Glu Ala  
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Gly Ala Leu Ala Ala Gln Ala Ala Val Val Gln Gln Leu Asp Asn Val  
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 85 90 95

Gly Ala Ile Ala Val Asp Arg Tyr Val Ser Ile Phe Tyr Ala Leu Arg  
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Tyr His Ser Ile Val Thr Leu Pro Arg Ala Gly Arg Ala Ile Ala Ala  
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Ile Trp Ala Gly Ser Val Leu Ser Ser Thr Leu Phe Ile Ala Tyr Tyr  
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His His Thr Ala Val Leu Leu Gly Leu Val Ser Phe Phe Val Ala Met  
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Leu Ala Leu Met Ala Val Leu Tyr Val His Met Leu Ala Arg Ala Cys  
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Gln His Gly Arg His Ile Ala Arg Leu His Lys Thr Gln His Pro Thr  
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Gly Val Phe Leu Leu Cys Trp Ala Pro Phe Phe Leu His Leu Ser Leu  
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Pro Met Tyr Tyr Phe Val Cys Cys Leu Ala Val Ser Asp Leu Leu Val  
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Ser Val Ser Asn Val Leu Glu Thr Ala Val Leu Leu Leu Leu Glu Ala  
50 55 60

Gly Ala Leu Ala Ala Gln Ala Ala Val Val Gln Gln Leu Asp Asn Val

65		70		75		80
Met Asn Val Leu Ile Cys Gly Ser Met Val Ser Ser Leu Cys Phe Leu						
	85		90		95	
Gly Ala Ile Ala Val Asp Arg Tyr Val Ser Ile Phe Tyr Ala Leu Arg						
	100		105		110	
Tyr His Ser Ile Val Thr Leu Pro Arg Ala Gly Arg Ala Ile Ala Ala						
	115		120		125	
Ile Trp Ala Gly Ser Val Leu Ser Ser Thr Leu Phe Ile Ala Tyr Tyr						
	130		135		140	
His His Thr Ala Val Leu Leu Gly Leu Val Ser Phe Phe Val Ala Met						
	145		150		155	160
Leu Ala Leu Met Ala Val Leu Tyr Val His Met Leu Ala Arg Ala Cys						
	165		170		175	
Gln His Gly Arg His Ile Ala Arg Leu His Lys Thr Gln His Pro Thr						
	180		185		190	
Arg Gln Gly Cys Gly Leu Lys Gly Ala Ala Thr Leu Thr Ile Leu Leu						
	195		200		205	
Gly Val Phe Leu Leu Cys Trp Ala Pro Phe Phe Leu His Leu Ser Leu						
	210		215		220	
Val Val Leu Cys Pro Gln His Pro Thr Cys Gly Cys Val Phe Lys Asn						
	225		230		235	240
Val Asn Leu Phe Leu Ala Leu Val Ile Cys Asn Ser Ile						
	245		250			

<210> 61  
 <211> 253  
 <212> PRT  
 <213> Sus sp.

<220>  
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 <222> (1)..(1)  
 <223> Xaa can be any naturally occurring amino acid

<400> 61

Xaa Pro Asn Gly Leu Phe Leu Ser Leu Gly Leu Val Ser Leu Val Glu  
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Asn Val Leu Val Val Ala Ala Ile Ala Lys Asn Arg Asn Leu His Ser  
20 25 30

Pro Met Tyr Tyr Phe Val Cys Cys Leu Ala Val Ser Asp Leu Leu Val  
35 40 45

Ser Val Ser Asn Val Leu Glu Thr Ala Val Leu Leu Leu Leu Glu Ala  
50 55 60

Gly Ala Leu Ala Ala Gln Ala Ala Val Val Gln Gln Leu Asp Asn Val  
65 70 75 80

Met Asp Val Leu Ile Cys Gly Ser Met Val Ser Ser Leu Cys Phe Leu  
85 90 95

Gly Ala Ile Ala Val Asp Arg Tyr Val Ser Ile Phe Tyr Ala Leu Arg  
100 105 110

Tyr His Ser Ile Val Thr Leu Pro Arg Val Gly Arg Ala Ile Ala Ala  
115 120 125

Ile Trp Ala Gly Ser Val Leu Ser Ser Thr Leu Phe Ile Ala Tyr Tyr  
130 135 140

His His Thr Ala Val Leu Leu Gly Leu Val Ser Phe Phe Val Ala Met  
145 150 155 160

Leu Ala Leu Met Ala Val Leu Tyr Val His Met Leu Ala Arg Ala Cys  
165 170 175

Gln His Gly Arg His Ile Ala Arg Leu His Lys Thr Gln His Pro Thr  
180 185 190

Arg Gln Gly Cys Gly Leu Lys Gly Thr Ala Thr Leu Thr Ile Leu Leu  
195 200 205

Gly Val Phe Leu Leu Cys Trp Ala Pro Phe Phe Leu His Leu Ser Leu  
210 215 220

Val Val Leu Cys Pro Gln His Pro Thr Cys Gly Cys Val Phe Lys Asn  
 225 230 235 240

Val Asn Leu Phe Leu Ala Leu Val Ile Cys Asn Ser Ile  
 245 250

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<210> 63  
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 <212> DNA  
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<400> 64  
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 ccagcaaaat cagagttaat cgtcagtgcg ggcgatgaga ttaggctggt ctgcaccgat 180  
 ccaggatctg tcaaatggac ttttgagacc ctgggtcagc tgagtgagaa tacacacgca 240  
 gagtggatcg tggagaaagc agaggccatg aatacaggca attatacatg caccaatgaa 300  
 ggcgggtttaa gcagttccat ttatgtgttt gttagagatc ctgagaagct tttcctcgtc 360  
 gaccctccct tgtatgggaa ggaggacaat gacgcgctgg tccgatgtcc tctgacggac 420  
 ccagaggtga ccaattactc cctcacgggc tgcgagggga aacccttcc caaggatttg 480  
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tccgtggact ccatgtggat cagggagaac agccagacta aagcacaggt gaagaggaat	780
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ctcatgaacg gcatgctoca gtgtgtggcg gcaggcttcc cagagccac catcgattgg	1320
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gacctggagg acttgetcag cttttcttac caagtggcaa agggcatggc cttcctcgcc	2340
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<400> 65	
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gccggacatc tctgaaggta tggacgctgg accctctggg gcccacaga ggaagagcca	180
gcacttccag gaggcattggg gagtggggga ggctggagag acggcggggga gcgccacctc	240
catccagaga ccaccacgcc cgcctttggg gcgcgctctg gggactttgc cccccactgg	300
ggtagggacgt gtgcgggcag aagctgtccg ggtgttgctc actgcaggac ctcaggggaa	360
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tctacggctc agtg	434

<210> 66  
 <211> 433  
 <212> DNA  
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<400> 66	
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ccggacatct ctgaaggtat ggacgctgga ccctctgggg cccgacagag gaagagccgg	180
cacttccagg aggcattggg agtgggggag gctggagaga cggcggggag cgccacctcc	240
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gtgggacgtg tgcgggcaga agctgtccgg gtgttgctca ctgcaggacc tcaggggaag 360  
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ctacggctca gtg 433

<210> 67  
<211> 434  
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<400> 67  
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gcacttccag gaggcattgg gagtggggga ggctggagag acggcgggga gcgccacctc 240  
catccagaga ccaccacgcc cgcctttggg gcgcgctctg gggactttgc cccccactgg 300  
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tctacggctc agtg 434

<210> 68  
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<220>  
<223> E19PC Probe

<400> 68  
catacatttc cgcaggtgca tgc 23

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<212> DNA  
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<220>  
<223> E19PT Probe

<400> 69  
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